

CBDPP

Chronic Beryllium Disease Prevention Program

Update



**CBDPP Best Practices & Lessons Learned Workshop
Argonne, IL**

June 2, 1998

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Beryllium Worker Medical Surveillance Through 3/31/98

	<u>Rocky Flats</u>	<u>Y-12</u>	<u>Mound</u>	<u>Hanford</u>	<u>TOTAL</u>
Employees Examined	6614	1673	632		8919
Sensitized (LPT) ¹	163	62	1		226
Diagnosed CBD ²	81	27			108
Diagnosed CBD ³				1	1

¹ two or more positive blood LPTs

² positive LPT and positive lung biopsy (confirmed CBD) or
positive blood LPT along with signs and symptoms of lung disease consistent with
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³ identified by site clinic (not part of medical surveillance program)

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Notice 440.1 Milestones

- **Issued July 15, 1997**
- **CBDPP Implementation Workshop—Denver, Sept. '97**
- **CBDPP Plans submitted for approval—Oct. 15, '97**
- **Plan Review Meeting—Albuquerque, Dec. '97**

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Notice 440.1 Milestones (cont.)

- **Approved implementation plans—Jan. 15, '98**
 - **Sixteen CBDPP plans submitted + lab exemptions**
- **Implementation Guide finalized—Mar. '98**
- **CBDPP Best Practices & Lessons Learned Workshop—June '98**

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Range of Site Cost Impact Data Submitted

- **One-time Cost (in thousands of dollars)**
 - from \$1.0 to \$15,030.5
- **Annual Recurring Costs (in thousands of dollars)**
 - from \$65.0 to \$2,760.4
- **Number of Workers Identified in Site Cost Submittal**
 - from 1 to 380

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Range of Site Cost Impact Data - Normalized per Worker

- **Total Program Implementation Cost per Worker (in thousands)**
 - One-time: from \$2.64 to \$64.79
 - Annual: from \$0.97 to \$22.28
- **Medical Surveillance Program Cost per Worker (in thousands)**
 - One-time: from \$0.42 to \$1.19
 - Annual: from \$0.84 to \$14.51

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Comparison of Initial/Revised Submittals

One-time Costs (in thousands of dollars)			Annual Costs (in thousands of dollars)		
<i>Initial</i>	<i>Revised</i>	<i>Delta</i>	<i>Initial</i>	<i>Revised</i>	<i>Delta</i>
\$11,900	\$4,000	-64%	\$3,500	\$2,100	-40%
\$7,800	\$1,000	-87%	\$17,500	\$2,700	-85%
-	-	-	\$5,000	\$1,500	-70%

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Implementation Cost Estimates

- **Data submitted during 1997**
- **Vary widely**
- **Variation largely due to questions of scope**

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Scope Questions

- **Who is a beryllium worker?**
- **Which areas are beryllium restricted areas?**
- **What are the maximum exposure limits?**
- **What engineering controls are needed to remain within limits?**
- **Who will be enrolled in a medical surveillance program?**
- **What training will be provided and who will receive it?**
- **What records need to be maintained?**

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Public Input to NOPR

- **Anticipated publication date in Federal Register: late Sept. 1998**
- **90 day public comment period (includes three hearings tentatively scheduled at Oak Ridge, Rocky Flats, Headquarters)**
- **NOPR will also be available online:**
 - **DOE EH CBDPP Website:**
<http://tis-nt.eh.doe.gov/be/>
 - **Federal Register Website:**
http://www.access.gpo.gov/su_docs/aces/aces140.html

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Path Forward

- **Continue to support site implementation of DOE N 440.1**
 - identification, collection, and sharing of tools (*<http://tis-nt.eh.doe.gov/be/>*)
- **Continue rulemaking**
- **Support research on beryllium disease**